

## ABSTRACT

A measurement apparatus for ulcerative colitis diagnosis and prognostic test according to the present invention includes a solution mixing unit for mixing an eluent and a quinone solution, the eluent being supplied from a system including a tank in which the eluent is stored, a pump for sending the eluent, a sample injection unit for injecting a sample into the eluent, and an acid separation column for separating short-chain fatty acids included in the sample, and the quinone solution being supplied from a system including a tank in which the quinone solution containing quinone and supporting electrolyte is stored, and a pump for sending the quinone solution; and an acid degree measurement unit for measuring the acid degrees of the short-chain fatty acids separated from the sample. In this measurement apparatus it is possible to perform ulcerative colitis diagnosis speedily, easily, and accurately, without performing blood test.